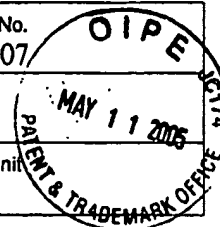


Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 07977-300001	Application No. 10/072,507
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Seo, et al.	
		Filing Date February 5, 2002	Group Art Unit



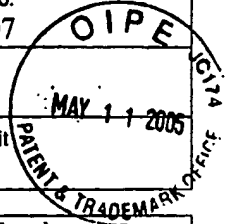
U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
KR	AA	5 925 980	Jul 20, 1999	So et al.	313	504	
J	AB	5 853 905	Dec 29, 1998	So et al.	428	690	
J	AC	6 130 001	Oct 10, 2000	Shi et al.	428	690	
J	AD	5 271 089	Dec 14, 1993	Ozawa	395	200	
KR	AE	6 285 039	Sep 4, 2001	Kobori et al.	257	40	

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
KR	AF	1 065 737	Jan 3, 2001	EPO				
	AG	10-233288	Sep 2, 1998	Japan			Full	
	AH	2001-52870	Feb 23, 2001	Japan			Full	


Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AI	Tang et al. "Organic electroluminescent diodes." Applied Physics Letters 51(12): 1987. p. 913-915.
	AJ	Kijima et al. "A blue organic light emitting diode." Jpn. J. Appl. Phys. 38: 1999. p. 5274-5277.
	AK	C. Adachi et al. "Electroluminescence in organic films with three-layer structure." Jpn. J. Appl. Phys. 27(2): 1988. p. L269-L271.
	AL	C.W. Tang et al. "Electroluminescence of doped organic thin films." J. Appl. Phys. 65(9): 1989. p. 3610-3616.
	AM	"New Aspect of Research and Development of Organic EL." M&BE Seminar, Bulletin of Organic Molecular/Bioelectronics Subcommittee, Society of Applied Physics, 11(1): 2000. p. 3-12.
	AN	T. Wakimoto et al. "Organic EL cells using alkaline metal compounds as electron injection materials." IEEE Transactions on Electron Devices 44(8): 1997. p. 1245-1248.
	AO	S.A. Van Slyke et al. "Organic electroluminescent devices with improved stability." Appl. Phys. Lett. 69(15): 1996. p. 2160-2162.
	AP	D.F. O'Brien et al. "Improved energy transfer in electrophosphorescent devices." Appl. Phys. Lett. 74(3): 1999. p. 442-444.
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	AR	T. Tsutsui et al. "The operation mechanism and the light emission efficiency of the organic EL element." Text of the Third Lecture Meeting, Bulletin of Organic Molecular/Bioelectronics Subcommittee, Society of Applied Physics, p. 31-37.
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Examiner Signature <i>[Signature]</i>	Date Considered 8/11/05
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

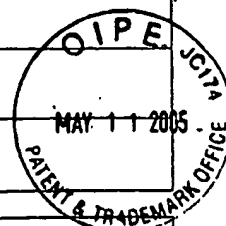
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RR	AT	Satoshi Seo et al., U.S. patent application serial no. 10/043,786, filed January 10, 2002
	AU	Satoshi Seo et al., U.S. patent application serial no. 10/043,812, filed January 10, 2002
	AV	Satoshi Seo et al., U.S. patent application serial no. 10/060,427, filed January 29, 2002
	AW	Shunpei Yamazaki et al., U.S. patent application serial no. 10/062,005, filed January 31, 2002
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	AZ	Satoshi Seo et al., U.S. patent application serial no. 10/081,558, filed February 20, 2002
	AAA	Hirokazu Yamagata et al., U.S. patent application serial no. 09/852,090, filed May 10, 2001.
	ABB	Satoshi Seo et al., U.S. patent application serial no. 10/026,064, filed December 21, 2001.
	ACC	Satoshi Seo et al., U.S. patent application serial no. 10/024,699, filed December 21, 2001.
RR	ADD	

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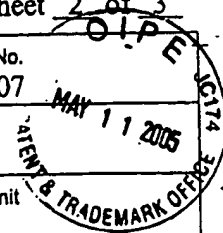


U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	2001-0051207	12/2001	Yamagata et al.			
	AB	2002-0018912	02/2002	Jung et al.			
	AC	2002-0038867	04/2002	Kobori et al.			
	AD	2002-0074935	06/2002	Kwong et al.			
	AE	2002-0081767	06/2002	Kawashima			
	AF	2002-0086180	07/04/2002	Seo et al.			
	AG	2002-0093283	07/18/2002	Seo et al.			
	AH	2002-0101154	08/2002	Seo et al.			
	AI	2002-0105005	08/2002	Seo et al.			
	AJ	2002-0109136	08/15/2002	Seo et al.			
	AK	2002-0113546	08/2002	Seo et al.			
	AL	2002-0121860	09/2002	Seo et al.			
	AM	2002-0139303	10/2002	Yamazaki et al.			
	AN	2002-0155632	10/2002	Yamazaki et al.			
	AO	2003-0010288	01/2003	Yamazaki et al.			
	AP	2003-0118950	06/2003	Chao et al.			
	AQ	2003-0134145	07/2003	Toguchi et al.			
	AR	3,654,525	04/1972	Maricle et al.			
	AS	5,077,863	05/1991	Mellitz			
	AT	5,039,657	08/1991	Goldman, et al.			
	AU	5,170,990	12/1992	Kamiya et al.			
	AV	5,256,945	10/1993	Imai et al.			
	AW	5,281,489	01/25/94	Mori et al.			
	AX	5,486,406	01/1996	Song Shi			
RR	AY	5,513,499	05/1996	DeRijke	62	55.5	
	AZ	5,817,481	01/1998	Shi et al.			
	BA	5,858,563	01/1999	Sano et al.			

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	Applicant Seo, et al.			
	Filing Date February 5, 2002		Group Art Unit 2822	



U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	BB	5,925,472	07/1999	Hu et al.			
	BC	5,955,836	09/1999	Boerner et al.			
	BD	5,989,737	11/1999	Xie et al.			
	BE	6,030,715	02/2000	Thompson et al.			
	BF	6,097,147	08/2000	Baldo et al.			
	BG	6,121,727	09/2000	Kanai et al.			
	BH	6,132,280	10/2000	Tanaba et al.			
	BI	6,215,462	04/2001	Yamada et al.			
	BJ	6,228,228	05/2001	Singh et al.			
	BK	6,237,529	05/2001	Spahn			
	BL	6,275,649	08/2001	Nagashima et al.			
	BM	6,284,050	09/2001	Shi et al.			
	BN	6,310,360	10/2001	Forrest et al.			
	BO	6,326,091	12/2001	Schoo et al.			
	BP	6,368,730	04/2002	Kishimoto et al.			
	BQ	6,372,154	04/2002	Li			
	BR	6,392,250	05/2002	Aziz et al.			
	BS	6,392,339	05/2002	Aziz et al.			
	BT	6,396,209	05/2000	Kido et al.			
	BU	6,413,656	07/2002	Thompson et al.			
	BV	6,432,255	08/2002	Sun et al.			
	BW	6,458,475	10/2002	Adachi et al.			
	BX	6,468,676	10/2002	Ueda et al.			
	BY	6,495,198	12/2002	Peng			
	BZ	6,517,996	02/2003	Chao et al.			
	CA	6,528,824	03/2003	Yamagata et al.			
	CB	6,541,909	04/2003	Motomatsu			

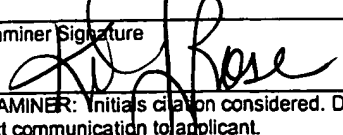
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	CC	6,566,807	08/2003	Fujita et al.			
	CD	6,603,140	08/2003	Kobori et al.			
	CE	6,614,175	09/2003	Aziz et al.			

Foreign Patent Documents or Published Foreign Patent Applications								
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KR	CF	TW - 366598	08/1999	TAIWAN			FULL	
	CG	EP 1 011 155 A2	06/2000	EUROPE			English	
	CA	EP 1 220 340	07/2002	EUROPE			English	
	CB	JP 2000-208262	07/2000	JAPAN			Full	
	CC	JP04-357694	10/1992	JAPAN			Abstract	
	CD	TW 243470	03/1995	TAIWAN			Abstract	
	CE	TW 451601	08/2001	TAIWAN			Abstract	
	CF	WO 02/47457	06/2002	WIPO			English	

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	CH	Invitation to Respond to Written Opinion w/International Search Report, 6 pages, 10 June 2004.
	CI	
	CJ	
	CK	

Examiner Signature 	Date Considered 8/11/05
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		Filing Date February 5, 2002	Group Art Unit

U.S. Patent Documents

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	AA	5 925 980	Jul 20, 1999	So et al.			
	AB	5 853 905	Dec 29, 1998	So et al.			
	AC	6 130 001	Oct 10, 2000	Shi et al.			
	AD	5 271 089	Dec 14, 1993	Ozawa			
	AE	6 285 039	Sep 4, 2001	Kobori et al.			

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	AF	1 065 737	Jan 3, 2001	EPO				
	AG	10-233288	Sep 2, 1998	Japan			Full	
	AH	2001-52870	Feb 23, 2001	Japan			Full	

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	AL	C.W. Tang et al. "Electroluminescence of doped organic thin films." J. Appl. Phys. 65(9): 1989. p. 3610-3616.
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	AN	T. Wakimoto et al. "Organic EL cells using alkaline metal compounds as electron injection materials." IEEE Transactions on Electron Devices 44(8): 1997. p. 1245-1248.
	AO	S.A. Van Slyke et al. "Organic electroluminescent devices with improved stability." Appl. Phys. Lett. 69(15): 1996. p. 2160-2162.
	AP	D.F. O'Brien et al. "Improved energy transfer in electrophosphorescent devices." Appl. Phys. Lett. 74(3): 1999. p. 442-444.
	AQ	T. Tsutsui et al. "High quantum efficiency in organic light-emitting devices with iridium-complex as a triplet emissive center." Jpn. J. Appl. Phys. 38: 1999. p. L1502-L1504.
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Substitute Disclosure Form (PTO-1449)

COPY

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 07977-300001	Application No. 10/072,507
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Seo, et al.	OIPE MAY 11 2005 PATENT & TRADEMARK OFFICE
		Filing Date February 5, 2002	

Other Documents (Include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AT	Satoshi Seo et al., U.S. patent application serial no. 10/043,786, filed January 10, 2002
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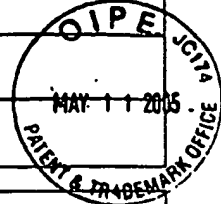
Substitute Disclosure Form (PTO-1449)

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Patent and Trademark OfficeAttorney's Office
07977-300001Application No.
10/072,507**Information Disclosure Statement
by Applicant**

(Use several sheets if necessary)

(37 CFR §1.98(b))

Applicant
Seo, et al.Filing Date
February 5, 2002Group Art Unit
2822**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	2001-0051207	12/2001	Yamagata et al.			
	AB	2002-0018912	02/2002	Jung et al.			
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	AF	2002-0086180	07/04/2002	Seo et al.			
	AG	2002-0093283	07/18/2002	Seo et al.			
	AH	2002-0101154	08/2002	Seo et al.			
	AI	2002-0105005	08/2002	Seo et al.			
	AJ	2002-0109136	08/15/2002	Seo et al.			
	AK	2002-0113546	08/2002	Seo et al.			
	AL	2002-0121160	09/2002	Seo et al.			
	AM	2002-0159303	10/2002	Yamazaki et al.			
	AN	2002-0155632	10/2002	Yamazaki et al.			
	AO	2003-0010288	01/2003	Yamazaki et al.			
	AP	2003-0118950	06/2003	Chao et al.			
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	AS	5,017,863	05/1991	Mellitz			
	AT	5,039,657	08/1991	Goldman, et al.			
	AU	5,170,990	12/1992	Kamiya et al.			
	AV	5,256,945	10/1993	Imai et al.			
	AW	5,281,489	01/25/94	Mori et al.			
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	AY	5,513,499	05/1996	DeRijke			
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Patent and Trademark OfficeAttorney's Docket No.
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(37 CFR §1.98(b))

Applicant

Seo, et al.

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Group Art Unit

2822

U.S. Patent Documents

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	BB	5,925,472	07/1999	Hu et al.			
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	BD	5,989,737	11/1999	Xie et al.			
	BE	6,030,715	02/2000	Thompson et al.			
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	BK	6,237,529	05/2001	Spahn			
	BL	6,275,649	08/2001	Nagashima et al.			
	BM	6,284,050	09/2001	Shi et al.			
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	BO	6,326,091	12/2001	Schoo et al.			
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	CG	EP 1 011 155 A2	06/2000	EUROPE			English	
	CA	EP 1 220 340	07/2002	EUROPE			English	
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	CC	JP04-357694	10/1992	JAPAN			Abstract	
	CD	TW 243470	03/1995	TAIWAN			Abstract	
	CE	TW 451601	08/2001	TAIWAN			Abstract	
	CF	WO 02/47457	06/2002	WIPO			English	

Other Documents (include Author, Title, Date, and Place of Publication)

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	CH	Invitation to Respond to Written Opinion w/International Search Report, 6 pages, 10 June 2004.
	CI	
	CJ	
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		Filing Date February 5, 2002	Group Art Unit 2822

U.S. Patent Documents

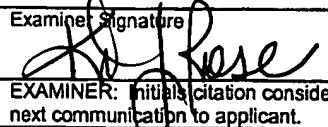
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	AK						

Foreign Patent Documents or Published Foreign Patent Applications

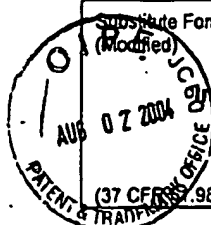
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
KR	AL	04-357694	12/10/1992	JAPAN	—	—	Full	
	AM							
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AQ	
	AR	
	AS	
	AT	

Examiner Signature 	Date Considered 8/11/05
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 07977-300001	Application No. 10/072,507
Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant Seo, et al.	
		Filing Date February 5, 2002	Group Art Unit 2822




U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
RR	AA	2001-0051207	12/2001	Yamagata et al.	427	64	
	AB	2002-0018912	02/2002	Jung et al.	427	497	
	AC	2002-0038867	04/2002	Kobori et al.	257	40	
	AD	2002-0074935	06/2002	Kwong et al.	313	504	
	AE	2002-0081767	06/2002	Kawashima	438	758	
	AF	2002-0086180	07/04/2002	Seo et al.	428	690	
	AG	2002-0093283	07/18/2002	Seo et al.	313	504	
	AH	2002-0101154	08/2002	Seo et al.	313	506	
	AI	2002-0105005	08/2002	Seo et al.	257	101	
	AJ	2002-0109136	08/15/2002	Seo et al.	313	506	
	AK	2002-0113546	08/2002	Seo et al.	257	079	
	AL	2002-0121860	09/2002	Seo et al.	313	506	
	AM	2002-0139303	10/2002	Yamazaki et al.	427	66	
	AN	2002-0155632	10/2002	Yamazaki et al.	438	014	
	AO	2003-0010288	01/2003	Yamazaki et al.	438	030	
	AP	2003-0118950	06/2003	Chao et al.	118	726	
	AQ	2003-0134145	07/2003	Toguchi et al.	428	690	
	AR	3,654,525	04/1972	Maricle et al.	317	230	
	AS	5,017,863	05/1991	Mellitz	324	158.00R	
	AT	5,039,657	08/1991	Goldman, et al.	505	001.00	
	AU	5,170,990	12/1992	Kamiya et al.	251	210	
	AV	5,256,945	10/1993	Imai et al.	313	504	
	AW	5,281,489	01/25/94	Mori et al.	428	690	
	AX	5,486,406	01/1996	Song Shi	428	209	
	AY	5,513,499	05/1996	DeRijcke			
RR	AZ	5,817,431	10/1998	Shi et al.	428	690	
	BA	5,858,563	01/1999	Sano et al.	428	690	

Examiner Signature <i>K. Rose</i>	Date Considered 10/14/04
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Substitute Form PTO-1449 (Modified) AUG 07 2004 OFFICE OF PATENT & TRADEMARKS	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 07977-300001	Application No. 10/072,507
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U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
RR	BB	5,925,472	07/1999	Hu et al.	428	690	
	BC	5,955,836	09/1999	Boerner et al.	313	506	
	BD	5,989,737	11/1999	Xie et al.	428	690	
	BE	6,030,715	02/2000	Thompson et al.	428	690	
	BF	6,097,147	08/2000	Baldo et al.	313	506	
	BG	6,121,727	09/2000	Kanai et al.	313	504	
	BH	6,132,280	10/2000	Tanaba et al.	445	58	
	BI	6,215,462	04/2001	Yamada et al.	345	76	
	BJ	6,228,228	05/2001	Singh et al.	204	192.1	
	BK	6,237,529	05/2001	Spahn	118	726	
	BL	6,275,649	08/2001	Nagashima et al.	392	389	
	BM	6,284,050	09/2001	Shi et al.	118	715	
	BN	6,310,360	10/2001	Forrest et al.	257	040	
	BO	6,326,091	12/2001	Schoo et al.	428	690	
	BP	6,368,730	04/2002	Kishimoto et al.	428	690	
	BQ	6,372,154	04/2002	Li, Xiao-Chang Charles	252	301.16	
	BR	6,392,250	05/2002	Aziz et al.	257	40	
	BS	6,392,339	05/2002	Aziz et al.	313	504	
	BT	6,396,209	05/2000	Kido et al.	313	504	
	BU	6,413,656	07/2002	Thompson et al.	428	690	
	BV	6,432,255	08/2002	Sun et al.	156	345	
	BW	6,458,475	10/2002	Adachi et al.	428	690	
	BX	6,468,676	10/2002	Ueda et al.	428	690	
	BY	6,495,198	12/2002	Peng	427	66	
	BZ	6,517,996	02/2003	Chao et al.	430	321	
	CA	6,528,824	03/2003	Yamagata et al.	257	81	
RR	CB	6,541,909	04/2003	Motomatsu	313	504	

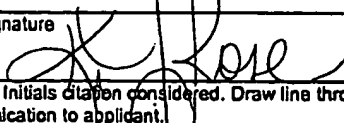
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		Filing Date February 5, 2002	Group Art Unit 2822

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
RR	CC	6,566,807	05/2003	Fujita et al.	313	506	
RR	CD	6,603,140	08/2003	Kobori et al.	257	40	
RR	CE	6,614,175	09/2003	Aziz et al.	313	504	

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Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
RR	CF	CH - 366598	08/1999	CHINA			Abstract	
RR	CG	EP 1 011 155 A2	06/2000	EUROPE			English	
	CA	EP 1 220 340	07/2002	EUROPE			English	
	CB	JP 2000-208262	07/2000	JAPAN			Full	
	CC	JP04-357694	10/1992	JAPAN			Abstract	
	CD	TW 243470	03/1995	TAIWAN			Abstract	
	CE	TW 451601	08/2001	TAIWAN			Abstract	
RR	CF	WO 02/47457	06/2002	WIPO			English	

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
RR	CH	Invitation to Respond to Written Opinion w/International Search Report, 6 pages, 10 June 2004.
	CI	
	CJ	
	CK	

Examiner Signature 	Date Considered 10/14/04
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